Title (en)
PROPERTY GRAPH DATA MODEL REPRESENTING SYSTEM ARCHITECTURE

Title (de)
SYSTEMARCHITEKTUR ZUR DARSTELLUNG VON EIGENSCHAFTSGRAPHDATENMODELLEN

Title (fr)
MODÈLE DE DONNÉES DE GRAPHES DE PROPRIÉTÉS REPRÉSENTANT UNE ARCHITECTURE DE SYSTÈME

Publication
EP 3596631 A1 20200122 (EN)

Application
EP 18715853 A 20180314

Priority
• US 201715460443 A 20170316
• US 2018022386 W 20180314

Abstract (en)
[origin: US2018268076A1] A system and method generates a property graph data model to represent a system architecture. The model includes a plurality of vertices of different vertex types representing different design dimensions of the system architecture, a plurality of compositional edges that connect vertices of a same vertex type to represent hierarchical directed-composition and hierarchical directed-decomposition of the connected vertices with respect to one another, and a plurality of connecting edges that connected vertices of different vertex types to represent connections between different elements of the different design dimensions. Information about the different design dimensions is extracted from one or more source databases to generate the property graph data model.

CPC (source: EP IL KR US)
G06F 16/185 (2018.12 - EP IL KR US); **G06F 16/212** (2018.12 - IL KR US); **G06F 16/2264** (2018.12 - IL KR US);
G06F 16/2365 (2018.12 - IL KR US); **G06F 16/24** (2018.12 - EP IL KR US); **G06F 16/254** (2018.12 - IL KR US); **G06F 16/26** (2018.12 - IL KR US);
G06F 16/285 (2018.12 - IL KR US); **G06F 16/9024** (2018.12 - EP IL KR US)

Citation (search report)
See references of WO 2018170097A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

DOCDB simple family (publication)
US 10430462 B2 20191001; **US 2018268076 A1 20180920**; AU 2018235926 A1 20190926; AU 2018235926 B2 20220217;
CA 3056792 A1 20180920; EP 3596631 A1 20200122; IL 269346 A 20191128; IL 269346 B 20220201; JP 2020514914 A 20200521;
JP 2021180033 A 20211118; JP 6983252 B2 20211217; JP 7134311 B2 20220909; KR 102285862 B1 20210803; KR 20190121372 A 20191025;
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US 201715460443 A 20170316; AU 2018235926 A 20180314; CA 3056792 A 20180314; EP 18715853 A 20180314; IL 26934619 A 20190915;
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